

35 Table 1 (mouse gene: Myc; human gene MYC)

Mouse genomic sequence (SEQ ID NO: 1)

Mouse mRNA sequence (SEQ ID NO: 2)

Mouse coding sequence (SEQ ID NO: 3)

Human genomic sequence (SEQ ID NO: 4)

Group 1

Human mRNA sequence (SEQ ID NO: 5)  
Human coding sequence (SEQ ID NO: 6) *Group 2*

Table 2 (mouse gene Bach2; human gene BACH2)

Mouse genomic sequence (SEQ ID NO: 7)

Mouse mRNA sequence (SEQ ID NO: 8) *Group 3*  
Mouse coding sequence (SEQ ID NO: 9)

Human genomic sequence (SEQ ID NO: 10)

Human mRNA sequence (SEQ ID NO: 11) *Group 4*  
Human coding sequence (SEQ ID NO: 12)

Table 3 (mouse gene Wnt1; human gene WNT1)

Mouse genomic sequence (SEQ ID NO: 13)

Mouse mRNA sequence (SEQ ID NO: 14) *Group 5*  
Mouse coding sequence (SEQ ID NO: 15)

Human genomic sequence (SEQ ID NO: 16)

Human mRNA sequence (SEQ ID NO: 17) *Group 6*  
Human coding sequence (SEQ ID NO: 18)

Table 4 (mouse gene Rasgrp1; human gene: RASGRP1)

Mouse genomic sequence (SEQ ID NO: 19)

Mouse mRNA sequence (SEQ ID NO: 20) *Group 7*  
Mouse coding sequence (SEQ ID NO: 21)

Human genomic sequence (SEQ ID NO: 22)

Human mRNA sequence (SEQ ID NO: 23) *Group 8*  
Human coding sequence (SEQ ID NO: 24)

Table 5 (mouse gene: Nmyc1; human gene: MYCN)

Mouse genomic sequence (SEQ ID NO: 25) *Group 9*  
Mouse mRNA sequence (SEQ ID NO: 26)

Mouse coding sequence (SEQ ID NO: 27)

Human genomic sequence (SEQ ID NO: 28)

Human mRNA sequence (SEQ ID NO: 29) *Group 10*  
Human coding sequence (SEQ ID NO: 30)

Table 6 (mouse gene: Myb; human gene: MYB)

Mouse genomic sequence (SEQ ID NO: 31)

Mouse mRNA sequence (SEQ ID NO: 32) *Group 11*  
Mouse coding sequence (SEQ ID NO: 33)

Human genomic sequence (SEQ ID NO: 34)

Human mRNA sequence (SEQ ID NO: 35) *Group 12*  
Human coding sequence (SEQ ID NO: 36)

Table 7 (mouse gene: Sox4; human gene: SOX4)

Mouse genomic sequence (SEQ ID NO: 37)

Mouse mRNA sequence (SEQ ID NO: 38)  
Mouse coding sequence (SEQ ID NO: 39) *Group 13*  
Human genomic sequence (SEQ ID NO: 40)  
Human mRNA sequence (SEQ ID NO: 41)  
5 Human coding sequence (SEQ ID NO: 42) *Group 14*

Table 8 (mouse gene: Tcof1; human gene: TCOF1)  
Mouse genomic sequence (SEQ ID NO: 43)  
Mouse mRNA sequence (SEQ ID NO: 44) *Group 15*  
Mouse coding sequence (SEQ ID NO: 45)  
10 Human genomic sequence (SEQ ID NO: 46)  
Human mRNA sequence (SEQ ID NO: 47) *Group 16*  
Human coding sequence (SEQ ID NO: 48)

Table 9 (mouse gene: Pim1; human gene: PIM1)  
Mouse genomic sequence (SEQ ID NO: 49)  
15 Mouse mRNA sequence (SEQ ID NO: 50) *Group 17*  
Mouse coding sequence (SEQ ID NO: 51)  
Human genomic sequence (SEQ ID NO: 52)  
Human mRNA sequence (SEQ ID NO: 53) *Group 18*  
Human coding sequence (SEQ ID NO: 54)

Table 10 (mouse gene: Wnt3a; human gene: WNT3A)  
Mouse genomic sequence (SEQ ID NO: 55)  
20 Mouse mRNA sequence (SEQ ID NO: 56) *Group 19*  
Mouse coding sequence (SEQ ID NO: 57)  
Human genomic sequence (SEQ ID NO: 58)  
25 Human mRNA sequence (SEQ ID NO: 59) *Group 20*  
Human coding sequence (SEQ ID NO: 60)

Table 11 (mouse gene: Ly6e; human gene LY6E)  
Mouse genomic sequence (SEQ ID NO: 61)  
30 Mouse mRNA sequence (SEQ ID NO: 62) *Group 21*  
Mouse coding sequence (SEQ ID NO: 63)  
Human genomic sequence (SEQ ID NO: 64)  
Human mRNA sequence (SEQ ID NO: 65) *Group 22*  
Human coding sequence (SEQ ID NO: 66)

Table 12 (mouse gene: Rasa2; human gene RASA2)  
35 Mouse genomic sequence (SEQ ID NO: 67)  
Mouse mRNA sequence (SEQ ID NO: 68) *Group 23*  
Mouse coding sequence (SEQ ID NO: 69)  
Human genomic sequence (SEQ ID NO: 70)  
Human mRNA sequence (SEQ ID NO: 71) *Group 24*  
40 Human coding sequence (SEQ ID NO: 72)

Table 13 (mouse gene: Gata1; human gene GATA1)

Mouse genomic sequence (SEQ ID NO: 73)

Mouse mRNA sequence (SEQ ID NO: 74)

Mouse coding sequence (SEQ ID NO: 75)

Human genomic sequence (SEQ ID NO: 76)

Human mRNA sequence (SEQ ID NO: 77)

Human coding sequence (SEQ ID NO: 78)

Group 25

Group 26

Table 14 (mouse gene: Fkbp5; human gene FKBP5)

Mouse genomic sequence (SEQ ID NO: 79)

Mouse mRNA sequence (SEQ ID NO: 80)

Mouse coding sequence (SEQ ID NO: 81)

Human genomic sequence (SEQ ID NO: 82)

Human mRNA sequence (SEQ ID NO: 83)

Human coding sequence (SEQ ID NO: 84)

Group 27

Group 28

Table 15 (mouse gene: Rel; human gene REL)

Mouse genomic sequence (SEQ ID NO: 85)

Mouse mRNA sequence (SEQ ID NO: 86)

Mouse coding sequence (SEQ ID NO: 87)

Human genomic sequence (SEQ ID NO: 88)

Human mRNA sequence (SEQ ID NO: 89)

Human coding sequence (SEQ ID NO: 90)

Group 29

Group 30

Table 16 (mouse gene: Icsbp; human gene ICSBP1)

Mouse genomic sequence (SEQ ID NO: 91)

Mouse mRNA sequence (SEQ ID NO: 92)

Mouse coding sequence (SEQ ID NO: 93)

Human genomic sequence (SEQ ID NO: 94)

Human mRNA sequence (SEQ ID NO: 95)

Human coding sequence (SEQ ID NO: 96)

Group 31

Group 32

Table 17 (mouse gene: Bmi1; human gene BMI1)

Mouse genomic sequence (SEQ ID NO: 97)

Mouse mRNA sequence (SEQ ID NO: 98)

Mouse coding sequence (SEQ ID NO: 99)

Human genomic sequence (SEQ ID NO: 100)

Human mRNA sequence (SEQ ID NO: 101)

Human coding sequence (SEQ ID NO: 102)

Group 33

Group 34

Table 18 (mouse gene: Runx1; human gene RUNX1)

Mouse genomic sequence (SEQ ID NO: 103)

Mouse mRNA sequence (SEQ ID NO: 104)

Mouse coding sequence (SEQ ID NO: 105)

Human genomic sequence (SEQ ID NO: 106)

Group 35

Human mRNA sequence (SEQ ID NO: 107) *Group 36*  
Human coding sequence (SEQ ID NO: 108)

Table 19 (mouse gene: Il2ra; human gene IL2RA)

Mouse genomic sequence (SEQ ID NO: 109)  
5 Mouse mRNA sequence (SEQ ID NO: 110) *Group 37*  
Mouse coding sequence (SEQ ID NO: 111)  
Human genomic sequence (SEQ ID NO: 112)  
Human mRNA sequence (SEQ ID NO: 113) *Group 38*  
Human coding sequence (SEQ ID NO: 114)

10 Table 20 (mouse gene: Nfkb1; human gene NFKB1)

Mouse genomic sequence (SEQ ID NO: 115) *Group 39*  
Mouse mRNA sequence (SEQ ID NO: 116)  
Mouse coding sequence (SEQ ID NO: 117)  
Human genomic sequence (SEQ ID NO: 118)  
15 Human mRNA sequence (SEQ ID NO: 119) *Group 40*  
Human coding sequence (SEQ ID NO: 120)

Table 21 (mouse gene: Fyn; human gene FYN)

20 Mouse genomic sequence (SEQ ID NO: 121) *Group 41*  
Mouse mRNA sequence (SEQ ID NO: 122)  
Mouse coding sequence (SEQ ID NO: 123)  
Human genomic sequence (SEQ ID NO: 124)  
Human mRNA sequence (SEQ ID NO: 125) *Group 42*  
Human coding sequence (SEQ ID NO: 126)

Table 22 (mouse gene: Nfkbil1; human gene NFKBIL1)

25 Mouse genomic sequence (SEQ ID NO: 127) *Group 43*  
Mouse mRNA sequence (SEQ ID NO: 128)  
Mouse coding sequence (SEQ ID NO: 129)  
Human genomic sequence (SEQ ID NO: 130)  
Human mRNA sequence (SEQ ID NO: 131) *Group 44*  
30 Human coding sequence (SEQ ID NO: 132)

Table 23 (mouse gene: Flt3; human gene FLT3)

Mouse genomic sequence (SEQ ID NO: 133)  
Mouse mRNA sequence (SEQ ID NO: 134) *Group 45*  
Mouse coding sequence (SEQ ID NO: 135)  
35 Human genomic sequence (SEQ ID NO: 136)  
Human mRNA sequence (SEQ ID NO: 137) *Group 46*  
Human coding sequence (SEQ ID NO: 138)

Table 24 (mouse gene: Dntt; human gene DNNT)

Mouse genomic sequence (SEQ ID NO: 139)

Mouse mRNA sequence (SEQ ID NO: 140)

Mouse coding sequence (SEQ ID NO: 141)

Group 47

Human genomic sequence (SEQ ID NO: 142)

Human mRNA sequence (SEQ ID NO: 143)

Human coding sequence (SEQ ID NO: 144)

Group 48

Table 25 (mouse gene: Znfn1a1; human gene ZNFN1A1)

Mouse genomic sequence (SEQ ID NO: 145)

Mouse mRNA sequence (SEQ ID NO: 146)

Mouse coding sequence (SEQ ID NO: 147)

Group 49

Human genomic sequence (SEQ ID NO: 148)

Human mRNA sequence (SEQ ID NO: 149)

Human coding sequence (SEQ ID NO: 150)

Group 50

Table 26 (mouse gene: Tbx21; human gene TBX21)

Mouse genomic sequence (SEQ ID NO: 151)

Mouse mRNA sequence (SEQ ID NO: 152)

Mouse coding sequence (SEQ ID NO: 153)

Group 51

Human genomic sequence (SEQ ID NO: 154)

Human mRNA sequence (SEQ ID NO: 155)

Human coding sequence (SEQ ID NO: 156)

Group 52

Table 27 (mouse gene: Stat5b; human gene STAT5B)

Mouse genomic sequence (SEQ ID NO: 157)

Mouse mRNA sequence (SEQ ID NO: 158)

Mouse coding sequence (SEQ ID NO: 159)

Group 53

Human genomic sequence (SEQ ID NO: 160)

Human mRNA sequence (SEQ ID NO: 161)

Human coding sequence (SEQ ID NO: 162)

Group 54

Table 28 (mouse gene: Sema4d; human gene SEMA4D)

Mouse genomic sequence (SEQ ID NO: 163)

Mouse mRNA sequence (SEQ ID NO: 164)

Mouse coding sequence (SEQ ID NO: 165)

Group 55

Human genomic sequence (SEQ ID NO: 166)

Human mRNA sequence (SEQ ID NO: 167)

Human coding sequence (SEQ ID NO: 168)

Group 56

Table 29 (mouse gene: Mdm2; human gene MDM2)

Mouse genomic sequence (SEQ ID NO: 169)

Mouse mRNA sequence (SEQ ID NO: 170)

Mouse coding sequence (SEQ ID NO: 171)

Group 57

Human genomic sequence (SEQ ID NO: 172)

Human mRNA sequence (SEQ ID NO: 173)

Human coding sequence (SEQ ID NO: 174)

Group 58

Table 30 (mouse gene: Prlr; human gene PRLR)

Mouse genomic sequence (SEQ ID NO: 175)

Mouse mRNA sequence (SEQ ID NO: 176)

Mouse coding sequence (SEQ ID NO: 177)

Group 59

Human genomic sequence (SEQ ID NO: 178)

Human mRNA sequence (SEQ ID NO: 179)

Human coding sequence (SEQ ID NO: 180)

Group 60

Table 31 (mouse gene: Top1; human gene TOP1)

Mouse genomic sequence (SEQ ID NO: 181)

Mouse mRNA sequence (SEQ ID NO: 182)

Mouse coding sequence (SEQ ID NO: 183)

Group 61

Human genomic sequence (SEQ ID NO: 184)

Human mRNA sequence (SEQ ID NO: 185)

Human coding sequence (SEQ ID NO: 186)

Group 62

Table 32 (mouse gene: Dusp10; human gene DUSP10)

Mouse genomic sequence (SEQ ID NO: 187)

Mouse mRNA sequence (SEQ ID NO: 188)

Mouse coding sequence (SEQ ID NO: 189)

Group 63

Human genomic sequence (SEQ ID NO: 190)

Human mRNA sequence (SEQ ID NO: 191)

Human coding sequence (SEQ ID NO: 192)

Group 64

Table 33 (mouse gene: Fli1; human gene FLI1)

Mouse genomic sequence (SEQ ID NO: 193)

Mouse mRNA sequence (SEQ ID NO: 194)

Mouse coding sequence (SEQ ID NO: 195)

Group 65

Human genomic sequence (SEQ ID NO: 196)

Human mRNA sequence (SEQ ID NO: 197)

Human coding sequence (SEQ ID NO: 198)

Group 66

Table 34 (mouse gene: Tk2; human gene TK2)

Mouse genomic sequence (SEQ ID NO: 199)

Mouse mRNA sequence (SEQ ID NO: 200)

Mouse coding sequence (SEQ ID NO: 201)

Group 67

Human genomic sequence (SEQ ID NO: 202)

Human mRNA sequence (SEQ ID NO: 203)

Human coding sequence (SEQ ID NO: 204)

Group 68

Table 35 (mouse gene: Nupr1)

Mouse genomic sequence (SEQ ID NO: 205)

Mouse mRNA sequence (SEQ ID NO: 206)

Mouse coding sequence (SEQ ID NO: 207)

Group 69

Table 36 (mouse gene: Zfhx1b; human gene ZFHX1B)

Mouse genomic sequence (SEQ ID NO: 208)

Mouse mRNA sequence (SEQ ID NO: 209)

Mouse coding sequence (SEQ ID NO: 210)

Group 70

Human genomic sequence (SEQ ID NO: 211)

Human mRNA sequence (SEQ ID NO: 212)

Human coding sequence (SEQ ID NO: 213)

Group 71

Table 37 (mouse gene: Vdac1; human gene VDAC1)

Mouse genomic sequence (SEQ ID NO: 214)

Mouse mRNA sequence (SEQ ID NO: 215)

Mouse coding sequence (SEQ ID NO: 216)

Group 72

Human genomic sequence (SEQ ID NO: 217)

Human mRNA sequence (SEQ ID NO: 218)

Human coding sequence (SEQ ID NO: 219)

Group 73

Table 38 (mouse gene: Nfatc1; human gene NFATC1)

Mouse genomic sequence (SEQ ID NO: 220)

Mouse mRNA sequence (SEQ ID NO: 221)

Mouse coding sequence (SEQ ID NO: 222)

Group 74

Human genomic sequence (SEQ ID NO: 223)

Human mRNA sequence (SEQ ID NO: 224)

Human coding sequence (SEQ ID NO: 225)

Group 75

Table 39 (mouse gene: Syk; human gene SYK)

Mouse genomic sequence (SEQ ID NO: 226)

Mouse mRNA sequence (SEQ ID NO: 227)

Mouse coding sequence (SEQ ID NO: 228)

Group 76

Human genomic sequence (SEQ ID NO: 229)

Human mRNA sequence (SEQ ID NO: 230)

Human coding sequence (SEQ ID NO: 231)

Group 77

Table 40 (mouse gene: Gnb1; human gene GNB1)

Mouse genomic sequence (SEQ ID NO: 232)

Mouse mRNA sequence (SEQ ID NO: 232)

Mouse coding sequence (SEQ ID NO: 234)

Group 78

Human genomic sequence (SEQ ID NO: 235)

Human mRNA sequence (SEQ ID NO: 236)

Human coding sequence (SEQ ID NO: 237)

Group 79